U.S. Serial No.: N/A Filed: Herewith

Title: AGENTS AFFECTING THROMBOSIS AND HEMOSTASIS

Attorney/Agent: Jean M. Silveri

Docket No.: MPI90-002CP2DV1CNBCN3M Sheet 1 of 15

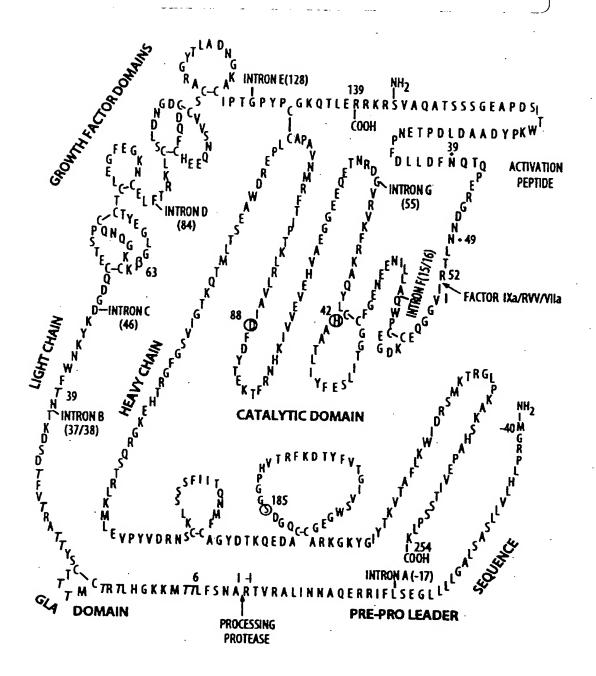
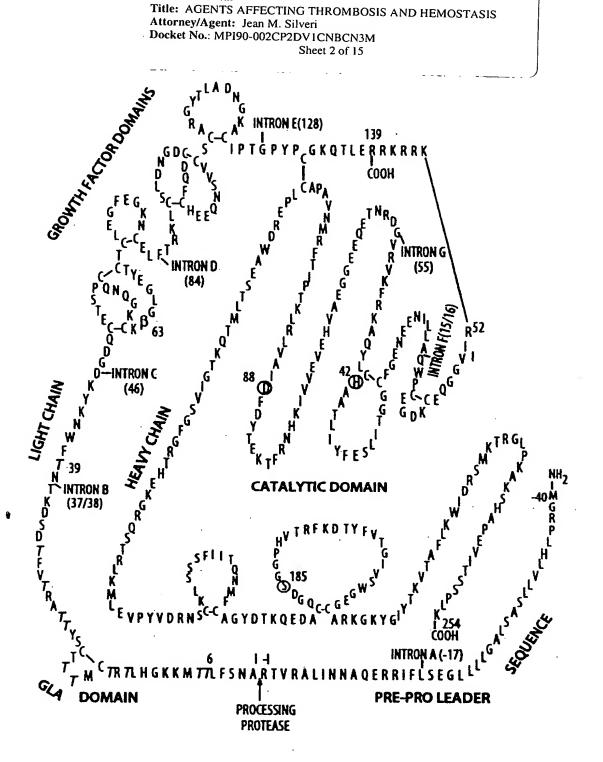


FIG. 1



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FIG. 2

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Docket No.: MPI90-002CP2DV1CNBCN3M Sheet 3 of 15 INTRON E(128) 139 GKQTLERRKRRĶ COOH INTRON G INTRON D (55) (84)-INTRON C (46) INTRON B **CATALYTIC DOMAIN** (37/38)

Applicants: David L. Wolf and Uma Sinha

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FIG. 3

PROCESSING PROTEASE

PRE-PRO LEADER

DOMAIN .

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1	GTCGACTCTA	GAGGGGCTGG	CAGGAATTCC	GCATGGGGCG	CCCACTGCAC
51	CTCGTCCTGC	TGAGTGCCTG	CCTGGCTGGC	CTCCTGCTGC	TCGGGGAAAG
101	TCTGTTCATC	CGCAGGGAGC	AGGCCAACAA	CATCCTGGCG	AGGGTCACGA
151	GGGCCAATTC	CTTTCTTGAA	GAGATGAAGA	AAGGACACCT	CGAAAGAGAG
201	TGCATGGAAG	AGACCTGCTC	ATACGAAGAG	GCCCGCGAGG	TCTTTGAGGA
251	CAGCGACAAG	ACGAATGAAT	TCTGGAATAA	ATACAAAGAT	GGCGACCAGT
301	GTGAGACCAG	TCCTTGCCAG	AACCAGGGCA	AATGTAAAGA	CGGCCTCGGG
351	GAATACACCT	GCACCTGTTT	AGAAGGATTC	GAAGGCAAAA	ACTGTGAATT
401	ATTCACACGG	AAGCTCTGCA	GCCTGGACAA	CGGGGACTGT	GACCAGTTCT
451	GCCACGAGGA	ACAGAACTCT	GTGGTGTGCT	CCTGCGCCCG	CGGGTACACC
501	CTGGCTGACA	ACGGCAAGGC	CTGCATTCCC	ACAGGGCCCT	ACCCCTGTGG
551	GAAACAGACC	CTGGAACGCA	GGAAGAGGTC	AGTGGCCCAG	GCCACCAGCA
601	GCAGCGGGGA-	GGCCCCTGAC	AGCATCACAT	GGAAGCCATA	TGATGCAGCC
651	GACCTGGACC	CCACCGAGAA	CCCCTTCGAC	CTGCTTGACT	TCAACCAGAC
701	GCAGCCTGAG	AGGGGCGACA	ACAACCTCAC	CAGGATCGIG	GGAGGCCAGG
751	AATGCAAGGA	CGGGGAGTGT	CCCTGGCAGG	CCCTGCTCAT	CAATGAGGAA
801	AACGAGGGTT	TCTGTGGTGG	AACTATTCTG	AGCGAGTTCT	ACATCCTAAC
851	GGCAGCCCAC	TGTCTCTACC	AAGCCAAGAG	ATTCAAGGTG	AGGTAAGGGG
901	ACCGGAACAC	GGAGCAGGAG	GAGGGCGGTG	AGGCGGTGCA	CGAGGTGGAG
951	GTGGTCATCA	AGCACAACCG	GTTCACAAAG	GAGACCTATG	ACTTCGAGAT
1001	CGCCGTGCTC	CGGCTCAAGA	CCCCCATCAC	CTTCCGCATG	AACGTGGCGC
1051	CTGCCTGCCT	CCCCGAGCGT	GACTGGGCCG	AGTCCACGCT	GATGACGCAG
1101	AAGACGGGGA	TTGTGAGCGG	CTTCGGGCGC	ACCCACGAGA	AGGCCGGCA.
1151	GTCCACCAGG	CTCAAGATGC	TGGAGGTGCC	CTACGTGGAC	CGCAACAGCT
1201	GCAAGCTGTC	CAGCAGCTTC	ATCATCACCC	AGAACATGTT	CTGTGCCGGC
1301	CGTCACCCGC	TTCAAGGACA	CCTACTTCGT	GACAGGCATC	GTCAGCTGGG
1351	GAGAGGGCTG	TGCCCGTAAG	GGGAAGTACG	GGATCTACAC	CAAGGTCACC
1401	GCCTTCCTCA	AGTGGATCGA	CAGGTCCATG	AAAACCAGGG	GCTTGCCCAA
1451	GGCCAAGAGC	CATGCCCCGG	AGGTCATAAC	GTCCTCTCCA	TTAAAGTGAG
1501	CGTCCTCTCC	ATCCCACTCA	ааааааааа	. AAAAAAAAA	ААААААААА

Fig. 4

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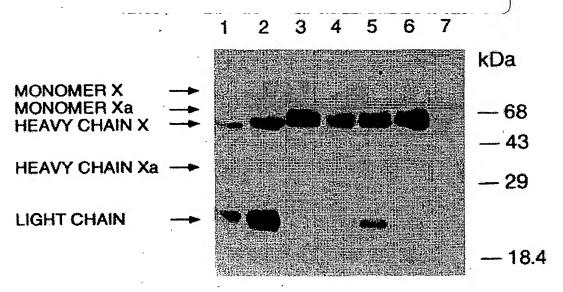


FIG. 5A

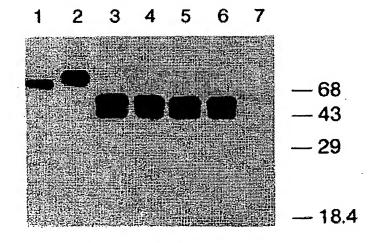


FIG. 5B

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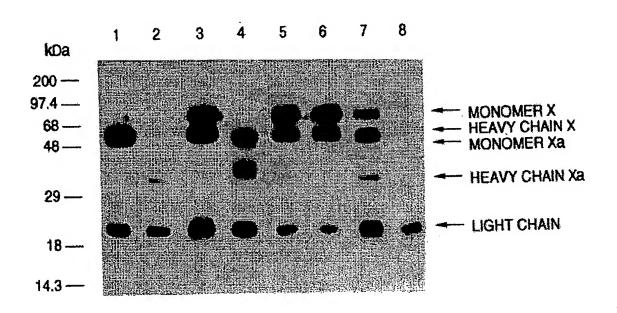
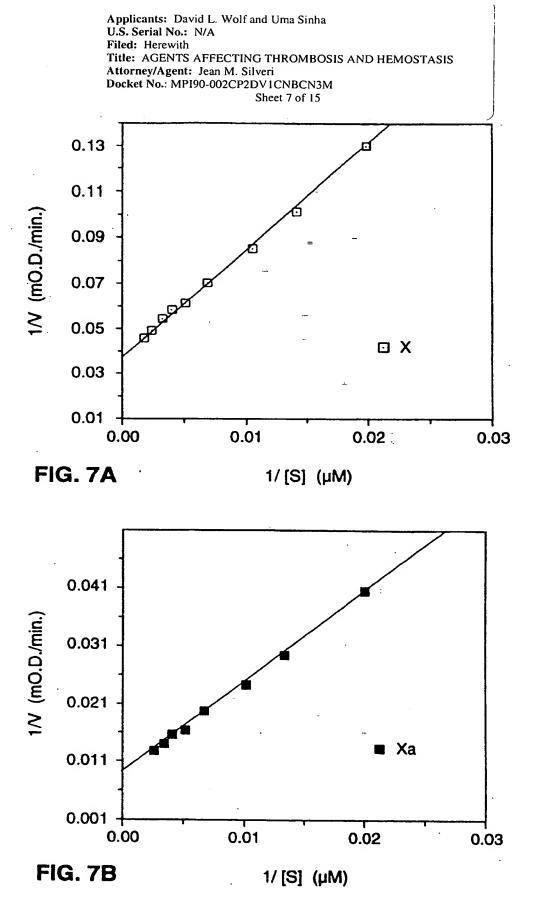


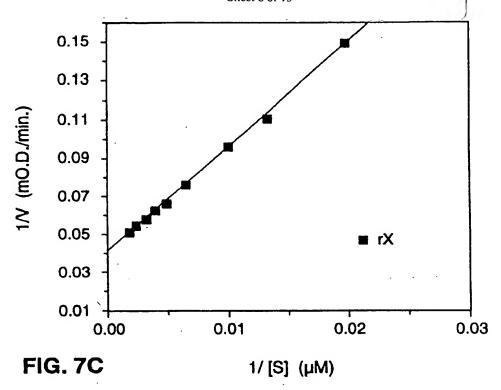
FIG. 6

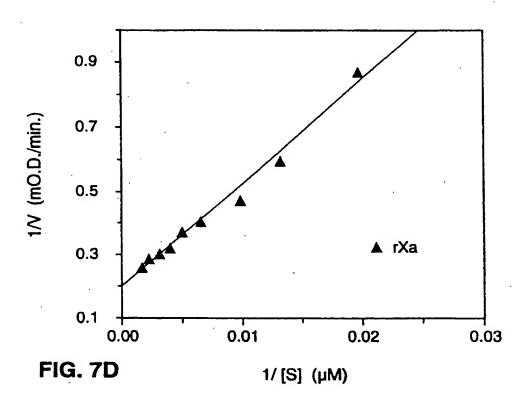


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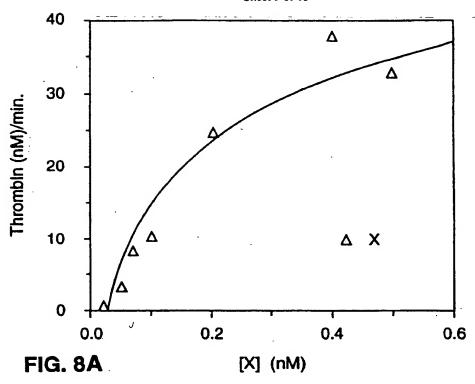


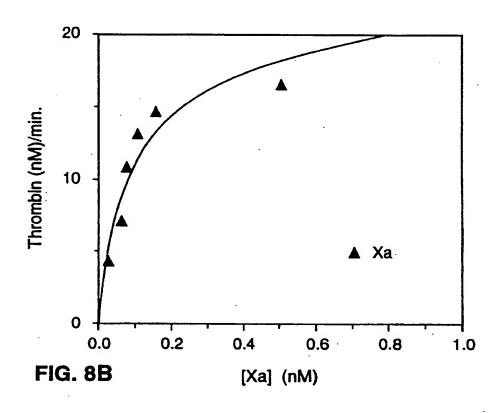


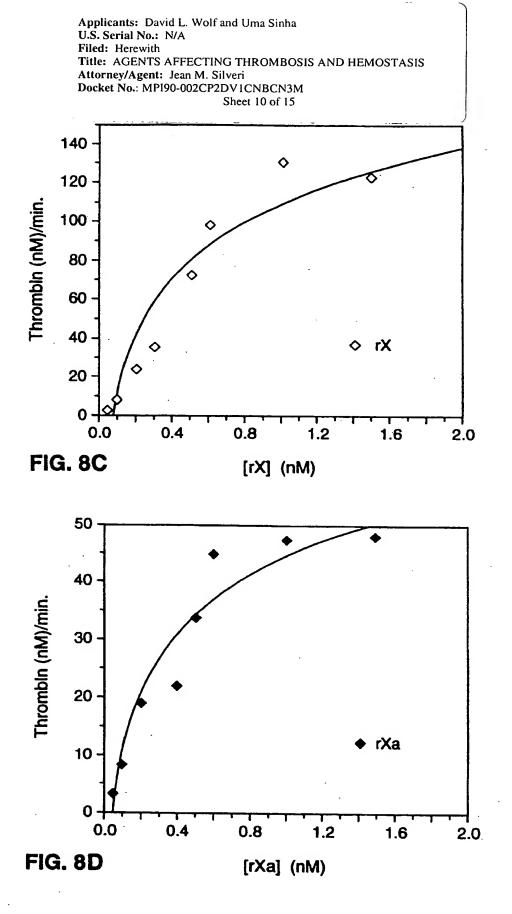
Applicants: David L. Wolf and Uma Sinha U.S. Serial No.: N/A Filed: Herewith

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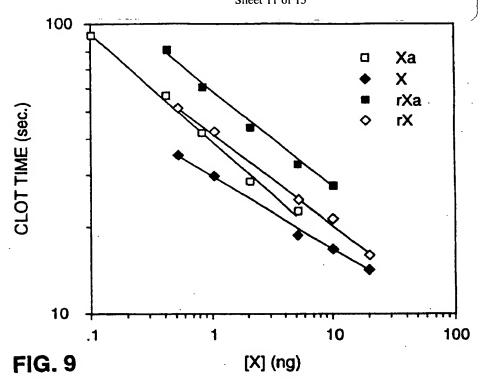
**Applicants:** David L. Wolf and Uma Sinha U.S. Serial No.: N/A

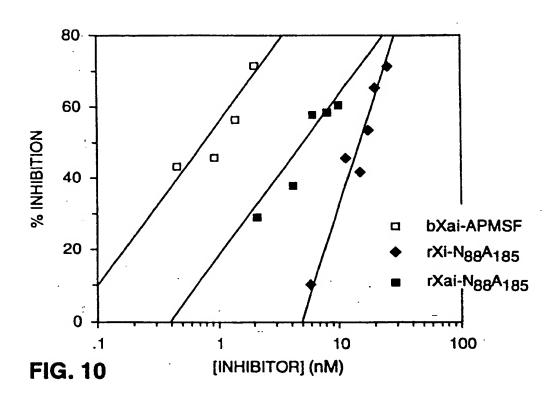
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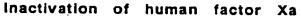


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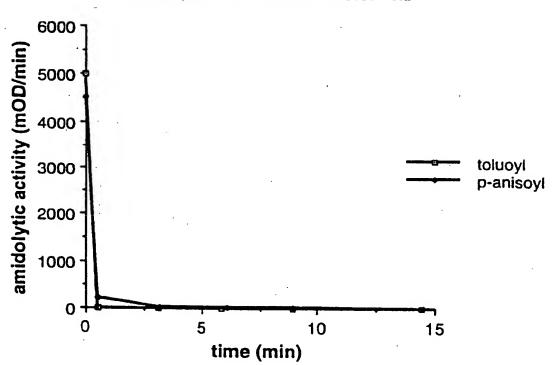


FIG. 11

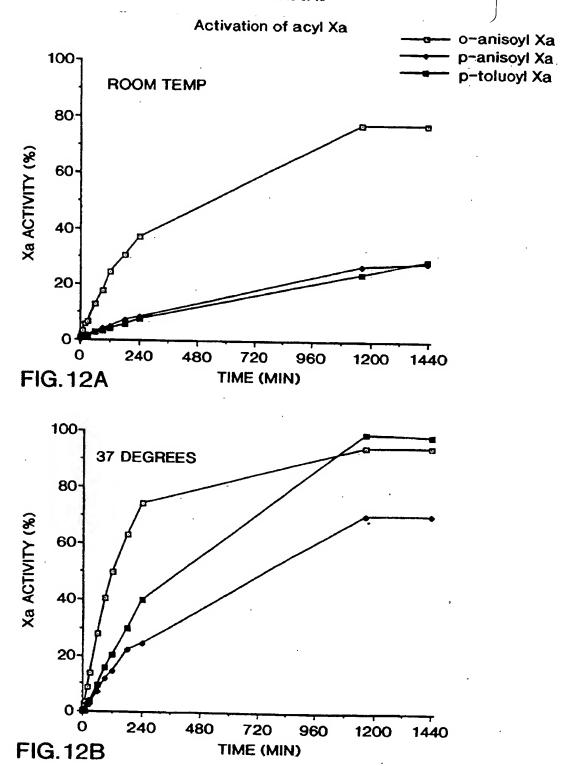
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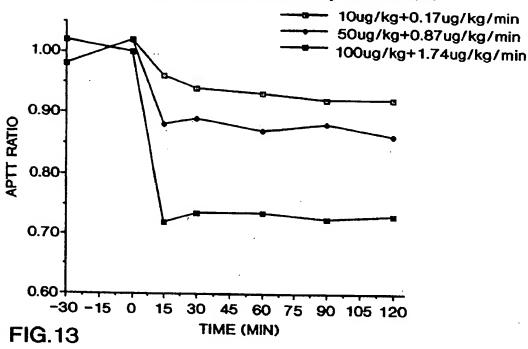
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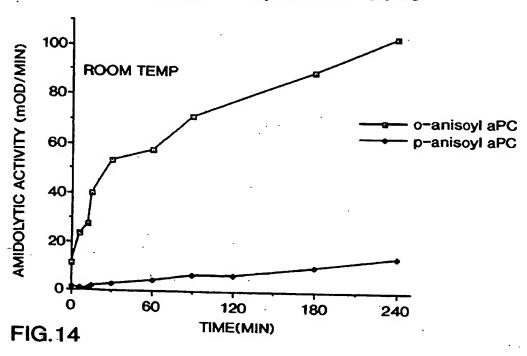
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## Effect of infusion of p-anisoyl Xa in rabbits



## Activation of acyl activated Protein C



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## Activation of o-anisoyl VIIa

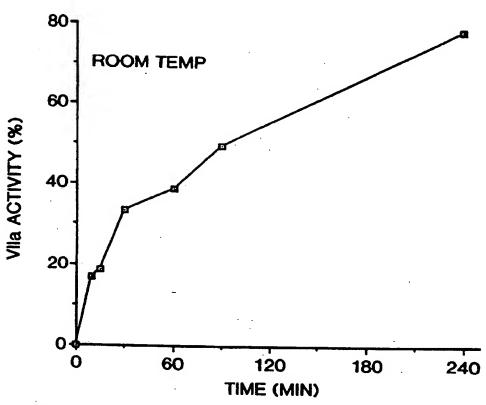


FIG. 15